

Contents of Volume 149 · 2000

- Abbate F → Broersen LM
Abe K → Yoshimura R
Adamson KL → Corrigall WA
Ait-Daoud N → Johnson BA
Al-Ruwaite ASA → Mobini S
Anderson IM → Mortimore C
Anokhin AP, Vedeniapin AB, Sirevaag EJ,
Bauer LO, O'Connor SJ, Kuperman S,
Porjesz B, Reich T, Begleiter H, Polich J,
Rohrbaugh JW: The P300 brain
potential is reduced in smokers 409
Assié M-B → Koek W
- Barta S → Diers T
Bauer LO → Anokhin AP
Begleiter H → Anokhin AP
Bell C → Wilson SJ
Benjamin J, Ben-Zion IZ, Karbofsky E,
Dannon P: Double-blind placebo-
controlled pilot study of paroxetine
for specific phobia 194
Benoit O → Daurat A
Ben-Zion IZ → Benjamin J
Bergström KA → Nobuhara K
Bernet F, Montel V, Noël B, Dupouy JP:
Diazepam-like effects of a fish protein
hydrolysate (Gabolysat PC60) on stress
responsiveness of the rat pituitary-
adrenal system and sympathetic adrenal
activity 34
Bespalov AY → Sukhotina IA
Bitsios P → Phillips MA
Blondel A, Sanger DJ, Moser PC:
Characterisation of the effects
of nicotine in the five-choice serial
reaction time task in rats: antagonist
studies 293
Bradshaw CM → Mobini S
Bradshaw CM → Phillips MA
Broersen LM, Abbate F, Feenstra MGP,
de Bruin JPC, Heinsbroek RPW,
Olivier B: Prefrontal dopamine is directly
involved in the anxiogenic interoceptive
cue of pentylentetrazol but not in
the interoceptive cue of chlordiazepoxide
in the rat 366
Buguet A → Daurat A
- Caille S → Stinus L
Carli M, Samanin R: The 5-HT_{1A} receptor
agonist 8-OH-DPAT reduces rats'
accuracy of attentional performance
and enhances impulsive responding
in a five-choice serial reaction time task:
role of presynaptic 5-HT_{1A} receptors
259
Carroll ME, Roth ME, Voeller RK,
Nguyen PD: Acquisition of oral
phenylcyclidine self-administration in
rhesus monkeys: effect of sex 401
Carter RB → Vanover KE
Chiang T-J → Mobini S
Chow BLC → Corrigall WA
Coen KM → Corrigall WA
Colleoni M → Costa B
Corrigall WA, Coen KM, Adamson KL,
Chow BLC, Zhang J: Response of
nicotine self-administration in the rat
to manipulations of mu-opioid and
γ-aminobutyric acid receptors in the
ventral tegmental area 107
Costa B, Giagnoni G, Colleoni M:
Precipitated and spontaneous withdrawal
in rats tolerant to anandamide 121
Coupland NJ → Wilson SJ
Crile RS → Rodd-Henricks ZA
- Dannon P → Benjamin J
Daurat A, Benoit O, Buguet A: Effects
of zopiclone on the rest/activity rhythm
after a westward flight across five time
zones 241
de Bruin JPC → Broersen LM
Demisch L → Diers T
Deuschle M → Hinze-Selch D
Diers T, Barta S, Demisch L, Schmeck K,
Englert E, Kewitz A, Maurer K,
Poustka F: Intensity dependence of
auditory evoked potentials (AEPs)
as biological marker for cerebral
serotonin levels: effects of tryptophan
depletion in healthy subjects 326
Dippold CS → Soares JC
Dirks A → Fish EW
Duka T, Tasker R, McGowan JF:
The effects of 3-week estrogen hormone
replacement on cognition in elderly
healthy females 129
Duka T → Weissenborn R
Dulawa SC, Seearce-Levie KA, Hen R,
Geyer MA: Serotonin releasers
increase prepulse inhibition in serotonin
1B knockout mice 306
Dupouy JP → Bernet F
- Ehlers CL → Slawiecki CJ
Engel JA → Zhang J
Englert E → Diers T
Erden BF → Yildiz F
Evans J, Platts H, Lightman S, Nutt D:
Impulsiveness and the prolactin response
to *d*-fenfluramine 147
- Falk JL → Lobarinas E
Farde L → Nobuhara K
Feenstra MGP → Broersen LM
Ferrari PF → Fish EW
Fish EW, Sekinda M, Ferrari PF, Dirks A,
Miczek KA: Distress vocalizations in
maternally separated mouse pups:
modulation via 5-HT_{1A}, 5-HT_{1B} and
GABA_A receptors 277
Fitzgerald PB, Kapur S, Remington G, Roy P,
Zipursky RB: Predicting haloperidol
occupancy of central dopamine
D₂ receptors from plasma levels 1
Foltin RW, Haney M: Conditioned
effects of environmental stimuli paired
with smoked cocaine in humans 24
Forkstam C → Zhang J
Forster Wells K → Soares JC
Foulds J → West R
France CP → Koek W
Frank E → Soares JC
- Gacar N → Yildiz F
Gatch MB → Jung ME
Geyer MA → Dulawa SC
- Giagnoni G → Costa B
Gispen-de Wied CC → Jansen LMC
Gosnell BA: Sucrose intake predicts rate of
acquisition of cocaine self-administration
286
Grant KA → Green-Jordan K
Green-Jordan K, Grant KA: Modulation
of the ethanol-like discriminative stimulus
effects of diazepam and phenylcyclidine
by L-type voltage-gated calcium-channel
ligands in rats 84
- Hajek P → West R
Hall H → Nobuhara K
Halldin C → Nobuhara K
Haney M → Foltin RW
Hara K → Yoshimura R
Hart CL, Jatlow P, Sevarino KA,
McCance-Katz EF: Comparison of intravenous
cocaethylene and cocaine
in humans 153
Heinsbroek RPW → Broersen LM
Hen R → Dulawa SC
Heuser I → Hinze-Selch D
Hiltunen J → Nobuhara K
Hindmarch I, Rigney U, Stanley N,
Quinlan P, Rycroft J, Lane J: A
naturalistic investigation of the effects of
day-long consumption of tea, coffee
and water on alertness, sleep onset and
sleep quality 203
Hinze-Selch D, Deuschle M, Weber B,
Heuser I, Pollmächer T: Effect of
coadministration of clozapine
and fluvoxamine versus clozapine mono-
therapy on blood cell counts, plasma
levels of cytokines and body weight
163
Ho M-Y → Mobini S
Holschneider DP, Leuchter AF:
Attenuation of brain high frequency
electrocortical response after thiopental in
early stages of Alzheimer's dementia 6
Huber M → Vanover KE
- Izumi F → Yoshimura R
- Jansen LMC, Gispen-de Wied CC, Kahn
RS: Selective impairments in the stress
response in schizophrenic patients 319
Jatlow P → Hart CL
Johnson BA, Ait-Daoud N:
Neuropharmacological treatments
for alcoholism: scientific basis
and clinical findings 327
Jung ME, Wallis CJ, Gatch MB, Lal H:
Sex differences in the discriminative
stimulus effects of m-chlorophenyl-
piperazine and ethanol withdrawal 170
Jung ME, Wallis CJ, Gatch MB, Lal H:
Sex differences in nicotine substitution
to a pentylentetrazol discriminative
stimulus during ethanol withdrawal in
rats 235
- Kahn RS → Jansen LMC
Kamei J, Ohsawa M: Socio-psychological
stress-induced antinociception in
diabetic mice 397

- Kaneko S → Miura K
 Kaneko S → Yoshimura R
 Kapur S → Fitzgerald PB
 Karbofsky E → Benjamin J
 Karlsson P → Nobuhara K
 Kastellakis A → Panagis G
 Kawamura M → Yoshimura R
 Kennedy DO, Scholey AB: Glucose administration, heart rate and cognitive performance: effects of increasing mental effort 63
 Kewitz A → Diers T
 Koek W, Assié M-B, Zernig G, France CP: In vivo estimates of efficacy at 5-HT_{1A} receptors: effects of EEDQ on the ability of agonists to produce lower-lip retraction in rats 377
 Kondo T → Miura K
 Koob GF → Stinus L
 Kuperman S → Anokhin AP
 Kuiper DJ → Soares JC
- Lal H → Jung ME
 Lane J → Hindmarch I
 Larsson SA → Nobuhara K
 Leuchter AF → Holschneider DP
 Lightman S → Evans J
 Lobatinas E, Falk JL: Comparison of benzodiazepines and the non-benzodiazepine agents zolpidem and zaleplon with respect to anxiolytic action as measured by increases in hypertonic NaCl-solution drinking in rats 176
 Lutz EA → Shannon HE
- Mallinger AG → Soares JC
 Marshall M → Rowland NE
 Maurer K → Diers T
 May S → West R
 McBride WJ → Rodd-Henricks ZA
 McCance-Katz EF → Hart CL
 McGowan JF → Duka T
 McKinzie DL → Rodd-Henricks ZA
 McNally GP, Westbrook RF: Acute exposure to saccharin reduces morphine analgesia in the rat: evidence for involvement of N-methyl-D-aspartate and peripheral opioid receptors 56
 McPherson DW → Nobuhara K
 Meadows A → West R
 Miczek KA → Fish EW
 Miura K, Kondo T, Suzuki A, Yasui N, Nagashima U, Ono S, Otani K, Kaneko S: Prolactin response to nemonapride, a selective antagonist for D₂ like dopamine receptors, in schizophrenic patients in relation to Taq1A polymorphism of DRD2 gene 246
 Mobini S, Chiang T-J, Al-Ruwaiha ASA, Ho M-Y, Bradshaw CM, Szabadi E: Effect of central 5-hydroxytryptamine depletion on inter-temporal choice: a quantitative analysis 313
 Montel V → Bernet F
 Mortimore C, Anderson IM: d-Fenfluramine in panic disorder: a dual role for 5-hydroxytryptamine 251
 Moser PC → Blondel A
 Murphy JM → Rodd-Henricks ZA
- Nagashima U → Miura K
 Nakamura J → Yoshimura R
- Nguyen PD → Carroll ME
 Nilsson F → West R
 Nobuhara K, Halldin C, Hall H, Karlsson P, Farde L, Hiltunen J, McPherson DW, Savonen A, Bergström KA, Pauli S, Swahn C-G, Larsson SA, Schnell P-O, Sedvall G: Z-IQNP: a potential radioligand for SPECT imaging of muscarinic acetylcholine receptors in Alzheimer's disease 45
 Noël B → Bernet F
 Nomikos G → Panagis G
 Nutt D → Evans J
 Nutt DJ → Wilson SJ
- Ohsawa M → Kamei J
 Olivier B → Broersen LM
 Ono S → Miura K
 O'Connor SJ → Anokhin AP
 Otani K → Miura K
- Panagis G, Kastellakis A, Spyraiki C, Nomikos G: Effects of methyllycaconitine (MLA), an α₇ nicotinic receptor antagonist, on nicotine- and cocaine-induced potentiation of brain stimulation reward 388
 Pauli S → Nobuhara K
 Philibin SD → Porter JH
 Phillips MA, Bitsios P, Szabadi E, Bradshaw CM: Comparison of the antidepressants reboxetine, fluvoxamine and amitriptyline upon spontaneous pupillary fluctuations in healthy human volunteers 72
 Platts H → Evans J
 Polich J → Anokhin AP
 Pollmächer T → Hinze-Selch D
 Porjesz B → Anokhin AP
 Porter JH, Varvel SA, Vann RE, Philibin SD, Wise LE: Clozapine discrimination with a low training dose distinguishes atypical from typical antipsychotic drugs in rats 189
 Poustka F → Diers T
 Purdy RH → Slawiecki CJ
- Quinlan P → Hindmarch I
- Reich T → Anokhin AP
 Remington G → Fitzgerald PB
 Rigney U → Hindmarch I
 Rodd-Henricks ZA, McKinzie DL, Crile RS, Murphy JM, McBride WJ: Regional heterogeneity for the intracranial self-administration of ethanol within the ventral tegmental area of female Wistar rats 217
 Rohrbaugh JW → Anokhin AP
 Roth JD → Rowland NE
 Roth ME → Carroll ME
 Rowland NE, Marshall M, Roth JD: Comparison of either norepinephrine-uptake inhibitors or phentermine combined with serotonergic agents on food intake in rats 77
 Roy P → Fitzgerald PB
 Rycroft J → Hindmarch I
- Samanin R → Carli M
 Sanger DJ → Blondel A
 Savonen A → Nobuhara K
- Scearce-Levie KA → Dulawa SC
 Schmeck K → Diers T
 Schmidt WJ → Tzschenkentke TM
 Schnell P-O → Nobuhara K
 Scholey AB → Kennedy DO
 Sedvall G → Nobuhara K
 Sekinda M → Fish EW
 Sevarino KA → Hart CL
 Shannon HE, Lutz EA: Yohimbine produces antinociception in the formalin test in rats: involvement of serotonin_{1A} receptors 93
 Shoaib M, Zubaran C, Stolerman IP: Antagonism of stimulus properties of nicotine by dihydro-β-erythroidine (DHBE) in rats 140
 Sirevaag EJ → Anokhin AP
 Slawiecki CJ, Walpole T, Purdy RH, Ehlers CL: Comparison of the neurophysiological effects of allopregnanolone and ethanol in rats 351
 Soares JC, Mallinger AG, Dippold CS, Forster Wells K, Frank E, Kupfer DJ: Effects of lithium on platelet membrane phosphoinositides in bipolar disorder patients: a pilot study 12
 Spyraiki C → Panagis G
 Stanley N → Hindmarch I
 Stinus L, Caille S, Koob GF: Opiate withdrawal-induced place aversion lasts for up to 16 weeks 115
 Stolerman IP → Shoaib M
 Sukhotina IA, Bespalov AY: Effects of the NMDA receptor channel blockers memantine and MRZ 2/579 on morphine withdrawal-facilitated aggression in mice 345
 Suruki M → Vanover KE
 Suzuki A → Miura K
 Svensson L → Zhang J
 Swahn C-G → Nobuhara K
 Szabadi E → Mobini S
 Szabadi E → Phillips MA
- Tasker R → Duka T
 Terao T → Yoshimura R
 Toyohira Y → Yoshimura R
 Tzschenkentke TM, Schmidt WJ: Effects of the non-competitive NMDA-receptor antagonist memantine on morphine- and cocaine-induced potentiation of lateral hypothalamic brain stimulation reward 225
- Ueno S → Yoshimura R
 Uezono Y → Yoshimura R
 Ulak G → Yildiz F
 Utakan T → Yildiz F
- Vann RE → Porter JH
 Vanover KE, Suruki M, Huber M, Wilent WB, Carter RB: Neuroactive steroids attenuate cocaine-induced sucrose intake in rats, but not cocaine-induced hyperactivity in mice 269
 Varvel SA → Porter JH
 Vedeniapin AB → Anokhin AP
 Voeller RK → Carroll ME
- Wallis CJ → Jung ME
 Walpole T → Slawiecki CJ
 Weber B → Hinze-Selch D

- Weissenborn R, Duka T: State-dependent effects of alcohol on explicit memory: the role of semantic associations 98
 West R, Hajek P, Foulds J, Nilsson F, May S, Meadows A: A comparison of the abuse liability and dependence potential of nicotine patch, gum, spray and inhaler 198
 Westbrook RF → McNally GP
 Wilent WB → Vanover KE
 Wilson SJ, Bell C, Coupland NJ, Nutt DJ: Sleep changes during long-term treatment of depression with fluvoxamine – a home-based study 360
 Wise LE → Porter JH
- Yanagihara N → Yoshimura R
 Yasui N → Mihara K
 Yildiz F, Erden BF, Ulak G, Utkan T, Gacar N: Antidepressant-like effect of 7-nitroindazole in the forced swimming test in rats 41
 Yoshimura R, Yanagihara N, Hara K, Terao T, Nakamura J, Ueno S, Toyohira Y, Uezono Y, Kaneko S, Kawamura M, Abe K, Izumi F: Inhibitory effects of clozapine and other antipsychotic drugs on noradrenaline transporter in cultured bovine adrenal medullary cells 17
- Zernig G → Koek W
 Zhang J, Forkstam C, Engel JA, Svensson L: Role of dopamine in prepulse inhibition of acoustic startle 181
 Zhang J → Corrigall WA
 Zipursky RB → Fitzgerald PB
 Zubaran C → Shoaib M
- Online First publication 197
 Indexed in *Current Contents*, *Psychological Abstracts*, *Psyc INFO*, *Index Medicus* and in *EMBASE*

Subject index of Volume 149 · 2000

- Abuse 286
 Abuse liability 198
 Acamprosate 327
 Acoustic startle response 181
 Acquisition 286, 401
 ACTH 34
 Acute 203
 Addiction 409
 Adrenal medullary cell 17
 Adrenaline 34
 Aggressive behavior 345
 Alcohol 153, 217, 327
 Alertness 72
 Allopregnanolone 351
 Alpha_{2A} -adrenergic receptor 93
 Alprazolam 176
 Alzheimer's disease 6, 45
 Amitriptyline 72
 Amygdala 351
 Anandamide 121
 Anorectic agent 77
 Antagonist 140
 Antidepressant 360
 Antinociception 397
 Antipsychotic drug 17
 Anxiety 170, 194, 235, 277, 366
 Anxiety disorder 251
 Anxiolytic 176
 Attention 259, 293
 Autoradiography 45
 Barbiturates 6
 Behavioral tolerance 121
 Benzodiazepine receptor 397
 Beta activity 6
 Bipolar disorder 12
 Caffeine 203
 Cardiovascular effect 24
 β -CCM 397
 Chlordiazepoxide 176, 366
 Chlorpromazine 189
 Chronic 203
 Clonazepam 176
 Clozapine 17, 163, 189
 Co-1068 269
 Cocaethylene 153
 Cocaine 24, 153, 225, 269, 286
 Coffee 203
 Cognition 63
 Cognitive performance 203
 Conditioning 24
 Coping 319
 Cortex 6, 351
 Corticosterone 34
 Cortisol 129, 251, 319
 Curve-shift 388
 Curve-shift paradigm 225
 Cytokines 163
 Demand 63
 Dependence 198
 Depression 41, 360
 $[^3\text{H}]$ Desipramine binding 17
 d -Fenfluramine 147, 251
 Diazepam 34, 397
 Dihydro- β -erythroidine 293
 5,7-Dihydroxytryptamine 259, 313
 Discrimination 140
 Discriminative stimulus 235
 Dopamine 1, 181, 366
 Dopamine D₂ receptor 246
 Dorsal raphe 259
 Drug discrimination 84, 170, 189, 366
 Drug self-administration 401
 Drug synergy 77
 EEG 351
 Efficacy 377
 Electroencephalography 6
 ERPs 409
 17 β -estradiol 170
 Ethanol 84, 217, 351
 Ethanol withdrawal 170, 235
 Event-related potential 351
 Exercise 319
 Fat 286
 Flumazenil 397
 Fluoxetine 327
 Fluphenazine 189
 Fluvoxamine 72, 163
 Food intake 269
 Forced swimming test 41
 Formalin test 93
 Free recall 98
 Frontal lobe tasks 129
 GABA 34, 277
 GABA agonist 107
 GABA_A 84
 Ganaxolone 269
 Glucose 63
 GR 127935 306
 Haloperidol 1, 189, 269
 Heart rate 63
 5-HT 313
 5-HT_{1A} agonist 377
 Human 1, 24
 Human subject 153
 Human volunteers 72
 5-Hydroxytryptamine 251
 Hypothalamic-pituitary-adrenal system 319
 Impulsiveness 147
 Impulsivity 259
 Independent context 98
 Interactive context 98
 Inter-temporal choice 313
 Intracranial self-administration 217
 Intracranial self-stimulation 225, 388
 Intrinsic activity 377
 Irreversible antagonism 377
 Isobogram 77
 Jet-lag 241
 Lateral hypothalamus 225, 388
 Lithium 12
 Locomotion 269
 Lower-lip retraction 377
 MBDB 306
 m -Chlorophenylpiperazine 170
 MDMA 306
 Mechanism of action 12
 Medial forebrain bundle 388
 Median forebrain bundle 225
 Medications 327
 Memantine 225
 Memory 129
 Mental effort 63
 Mental rotation 129
 Mesolimbic dopamine system 107
 Metabolism 163
 Methyllycaconitine 293
 Mice 345
 MK-801 225
 Morphine 56, 225
 Motor activity 277
 mu opioid 107
 Muscarinic acetylcholine receptor 45
 NaCl drinking 176
 Nalmefene 327
 Naltrexone 327
 Naturalistic 203
 Nemonapride 246

- Neurosteroid 269, 277
 Nicotine 140, 235, 409
 Nicotine replacement therapy 198
 Nicotine self-administration 107
 Nicotinic receptor 293
 Nitric oxide 41
 7-Nitroindazole 41
 NMDA 56, 84
 NMDA receptor channel blocker 345
 Nociception 93
 Noradrenaline 34
 Noradrenaline transporter 17
³H]Noradrenaline uptake 17
 Norepinephrine 77
 8-OH-DPAT 93, 259
 Olanzapine 189
 Ondansetron 327
 Operant behaviour 313
 Opiate 115
 Opioid receptor 56
 Opioid withdrawal 345
 Oral phencyclidine 401
 P300 409
 Panic disorder 251
 Paroxetine 194
 PCP 401
 Pentylentetrazol 235, 366
 Personality 147
 Pharmacokinetic 153
 Pharmacology 194
 Phobic disorder 194
 Phosphoinositides 12
 Place aversion 115
 Platelet 12
 Pre- and postsynaptic 5-HT_{1A} receptor 259
 Precipitated and spontaneous withdrawal 121
 Prefrontal cortex 366
 Prepulse inhibition 181
 Prolactin 147, 251
 Prolactin response 246
 Psychological stress 319
 Pupillographic sleepiness test 72
 Quetiapine (seroquel) 189
 Rat 34, 56, 115, 170, 181, 259, 366, 377
 Reboxetine 72
 Receptor occupancy 1
 Reinforcement 217, 388
 Remoxipride 189
 Resident-intruder test 345
 Rest/activity rhythm 241
 Reward 217, 225
 Rhesus monkey 401
 Risperidone 189
 Ritanserin 327
 Rotarod test 345
 Schizophrenia 181, 246, 319
 Self-administration 286
 Sensorimotor gating 181, 306
 Serial reaction time 293
 Serotonin 77, 147, 194, 277
 Serotonin 1B receptor 306
 Serotonin_{1A} receptor 93
 Sertindole 189
 Sex 401
 Sex difference 170, 235
 Side effect 163
 Signal transduction 12
 Sleep 203, 360
 Smoking 409
 Socio-psychological stress 397
 SPECT 45
 Spindle activity 6
 SR141716A 121
 SSRI 327
 SSRIs 360
 Startle 306
 Stress 34, 286
 Subjective effect 24
 Substance 286
 Sucrose 286
 Tail flick 56
^{Taq}I A polymorphism 246
 Taste aversion conditioning 140
 Tea 203
 Temperature rhythm 241
 Thiopental 6
 Thioridazine 189
 Tolerance 56
 Treatment 327
 Ultrasonic vocalization 277
 Ventral tegmental area 107, 217, 388
 Voltage-gated calcium channel 84
 WAY 100635 259
 White blood cell counts 163
 Withdrawal 115
 Word list 98
 Yohimbine 93
 Zaleplon 176
 Z-IQNP 45
 Zolpidem 176
 Zopiclone 241

